



| | U |  | Document ID | Issue Date | Pages | Title |
|----|-------------------------------------|---|-------------------|------------|-------|---|
| 1 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | US 20040008928 A1 | 20040115 | 22 | Apparatus and method employing multilayer thin-film stacks for spatially shifting light |
| 2 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | US 20020197042 A1 | 20021226 | 33 | Optical device, and wavelength multiplexing optical recording head |
| 3 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | US 20020122613 A1 | 20020905 | 24 | Optical device and spectroscopic and integrated optical apparatus using the same |
| 4 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | US 20020088929 A1 | 20020711 | 18 | Wavelength monitoring apparatus |
| 5 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | US 20020027655 A1 | 20020307 | 39 | Optical device and spectroscopic and polarization separating apparatus using the same |
| 6 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | US 20020018298 A1 | 20020214 | 16 | Method for dispersing light using multilayered structures |
| 7 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | US 20010012149 A1 | 20010809 | 26 | OPTICAL ELEMENTS COMPRISING PHOTONIC CRYSTALS AND APPLICATIONS THEREOF |
| 8 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | US 6591035 B2 | 20030708 | 16 | Method for dispersing light using multilayered structures |
| 9 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 20040156404 A1 | 20040812 | 19 | Dispersion element for laser pulse compression device using planar photonic crystal structure (embodiments) |
| 10 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 20040136673 A1 | 20040715 | 20 | Photonic crystal, method of fabricating the same, optical module, and optical system |
| 11 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 20040109483 A1 | 20040610 | 24 | Nanocrystal waveguide (NOW) laser |
| 12 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 20040008437 A1 | 20040115 | 46 | Optical element using one-dimensional photonic crystal and spectroscopic device using the same |
| 13 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 20030184845 A1 | 20031002 | 38 | Optical element using one-dimensional photonic crystal and optical device using the same |
| 14 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 20030174402 A1 | 20030918 | 47 | Optical element and spectroscopic device using the same |
| 15 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 20030142385 A1 | 20030731 | 34 | Optical element |
| 16 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 20030123827 A1 | 20030703 | 90 | Systems and methods of manufacturing integrated photonic circuit devices |
| 17 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 20020070352 A1 | 20020613 | 10 | CREATION OF THREE-DIMENSIONAL STRUCTURES USING ULTRASHORT LOW ENERGY LASER EXPOSURE AND STRUCTURES FORMED THEREBY |
| 18 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 20010026857 A1 | 20011004 | 20 | Photonic crystal, method of fabricating the same, optical module, and optical system |
| 19 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6804446 B1 | 20041012 | 35 | Waveguide including at least one photonic crystal region for directing signals propagating therethrough |
| 20 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6757463 B2 | 20040629 | 21 | Narrowband resonant transmitter |
| 21 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6624915 B1 | 20030923 | 28 | Holographic recording and micro/nanofabrication via ultrafast holographic two-photon induced photopolymerization (H-TPIP) |

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| | Current OR | Current XRef | Retrieval Classif | Inventor | S | C |
|----|------------|---|----------------------|------------------------------|--------------------------|--------------------------|
| 1 | 385/24 | 359/583 | | Gerken, Martina et al. | <input type="checkbox"/> | <input type="checkbox"/> |
| 2 | 385/131 | 385/125; 385/31 | | Kittaka, Shigeo et al. | <input type="checkbox"/> | <input type="checkbox"/> |
| 3 | 385/14 | 385/24; 385/31 | | Kittaka, Shigeo et al. | <input type="checkbox"/> | <input type="checkbox"/> |
| 4 | 250/226 | | | Kittaka, Shigeo et al. | <input type="checkbox"/> | <input type="checkbox"/> |
| 5 | 356/326 | | | Kittaka, Shigeo et al. | <input type="checkbox"/> | <input type="checkbox"/> |
| 6 | 359/583 | 385/24 | | Miller, David A. B. et al. | <input type="checkbox"/> | <input type="checkbox"/> |
| 7 | 359/344 | | | LIN, SHAWN-YU et al. | <input type="checkbox"/> | <input type="checkbox"/> |
| 8 | 385/24 | 385/31; 385/36; 385/37; 398/43 | | Miller, David A. B. et al. | <input type="checkbox"/> | <input type="checkbox"/> |
| 9 | 372/26 | | | Kuchinsky, Sergey A. et al. | <input type="checkbox"/> | <input type="checkbox"/> |
| 10 | 385/129 | 385/14 | | Kinoshita, Junichi | <input type="checkbox"/> | <input type="checkbox"/> |
| 11 | 372/39 | | | Simpson, John T. et al. | <input type="checkbox"/> | <input type="checkbox"/> |
| 12 | 359/883 | | | Kittaka, Shigeo et al. | <input type="checkbox"/> | <input type="checkbox"/> |
| 13 | 359/321 | | | Kittaka, Shigeo et al. | <input type="checkbox"/> | <input type="checkbox"/> |
| 14 | 359/558 | | | Kittaka, Shigeo et al. | <input type="checkbox"/> | <input type="checkbox"/> |
| 15 | 359/279 | | | Kittaka, Shigeo et al. | <input type="checkbox"/> | <input type="checkbox"/> |
| 16 | 385/129 | 385/27 | | Salerno, Jack P. et al. | <input type="checkbox"/> | <input type="checkbox"/> |
| 17 | 250/492.1 | | | ALLAN, DOUGLAS C et al. | <input type="checkbox"/> | <input type="checkbox"/> |
| 18 | 428/105 | 372/66; 385/129 | | Kinoshita, Junichi | <input type="checkbox"/> | <input type="checkbox"/> |
| 19 | 385/132 | 385/125; 385/129 | | Nordin, Gregory P. et al. | <input type="checkbox"/> | <input type="checkbox"/> |
| 20 | 385/37 | 398/200 | | Hutchinson, Donald P. et al. | <input type="checkbox"/> | <input type="checkbox"/> |
| 21 | 359/3 | 349/193; 349/201; 359/1; 359/900; 430/1 | | Kirkpatrick, Sean M. et al. | <input type="checkbox"/> | <input type="checkbox"/> |

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| 9 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 20040156404 | <input type="checkbox"/> |
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| 12 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 20040008437 | <input type="checkbox"/> |
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|----|-------------------------------------|---|---------------|------------|-------|---|
| 22 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6574383 B1 | 20030603 | 12 | Input light coupler using a pattern of dielectric contrast distributed in at least two dimensions |
| 23 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6285020 B1 | 20010904 | 23 | Enhanced optical transmission apparatus with improved inter-surface coupling |
| 24 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6052213 A | 20000418 | 17 | Optical diffraction grating |
| 25 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5937115 A | 19990810 | 20 | Switchable optical components/structures and methods for the fabrication thereof |

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|----|------------|--|----------------------|--------------------------|--------------------------|--------------------------|
| 22 | 385/15 | 385/122; 385/130; 385/131; 385/27; 385/28; 385/30 | | Erchak, Alexei A. et al. | <input type="checkbox"/> | <input type="checkbox"/> |
| 23 | 250/216 | 250/201.3; 250/307 | | Kim, Tae Jin et al. | <input type="checkbox"/> | <input type="checkbox"/> |
| 24 | 359/237 | 359/245 | | Burt, Michael G et al. | <input type="checkbox"/> | <input type="checkbox"/> |
| 25 | 385/16 | 385/10; 385/20; 385/24; 385/31; 385/37 | | Domash, Lawrence H. | <input type="checkbox"/> | <input type="checkbox"/> |

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| 22 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6574383 | <input type="checkbox"/> |
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| 25 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 5937115 | <input type="checkbox"/> |

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Regular New Cases

(WARNING: Data Security and Confidentiality Restriction Apply)

Name : **KIANNI, KAVEH** Examiner Number : **77271** Group Art Unit : **2883**
 Regular New Cases : **22** Oldest New S.N. : **10326230** Age: **1** Oldest Effective S.N. : Age:

| No.x | Appln # | Filing Date | Status | Loc | ChgTo Loc | Class | SubClass | Title |
|------|----------------------------------|-------------|--------|-----|-----------|-------|----------|---|
| 1 | <u>10/326230</u> IFW IMAGE | 12/20/2002 | 30 | e | e | 385 | 140.000 | INEXPENSIVE FIBER OPTIC ATTENUATION |
| 2 | <u>10/398576</u> IFW IMAGE | 04/08/2003 | 30 | e | e | 385 | 027.000 | LIGHT DISPERSION COMPENSATING ELEMENT AND COMPOSITE TYPE LIGHT DISPERSION COMPENSATING ELEMENT USING THAT ELEMENT AND LIGHT DISPERSION COMPENSATING METHOD USING THAT ELEMENT |
| 3 | <u>10/412301</u> IFW IMAGE | 04/14/2003 | 30 | e | e | 385 | 037.000 | DYNAMIC GAIN EQUALISING FILTER |
| 4 | <u>10/417141</u> IFW IMAGE | 04/17/2003 | 30 | e | e | 385 | 125.000 | MICROSTRUCTURED OPTICAL FIBER AND OPTICAL MODULE |
| 5 | <u>10/420501</u> IFW IMAGE | 04/22/2003 | 30 | e | e | 385 | 016.000 | POLARIZATION-STABILIZED ALL-OPTICAL SWITCH |
| 6 | <u>10/601707</u> IFW IMAGE | 06/24/2003 | 30 | e | e | 385 | 088.000 | OPTICAL TRANSCEIVER AND METHOD FOR PRODUCING THE SAME |

| | | | | | | | | |
|----|---------------------------|------------|----|---|---|-----|---------|--|
| 7 | 10/609837 IFW IMAGE | 06/30/2003 | 30 | e | e | 385 | 024.000 | HITLESS TUNABLE OPTICAL ADD DROP MULTIPLEXER WITH VERNIER GRATINGS |
| 8 | 10/623448 IFW IMAGE | 07/18/2003 | 30 | e | e | 385 | 010.000 | DIFFRACTION DEVICE USING PHOTONIC CRYSTAL |
| 9 | 10/632276 IFW IMAGE | 08/01/2003 | 30 | e | e | 385 | 037.000 | SUBSTRATE INDEX MODIFICATION FOR INCREASING THE SENSITIVITY OF GRATING-COUPLED WAVEGUIDES |
| 10 | 10/635637 IFW IMAGE | 08/07/2003 | 30 | e | e | 385 | 094.000 | OPTICAL COMPONENT PACKAGING DEVICE |
| 11 | 10/636007 IFW IMAGE | 08/07/2003 | 30 | e | e | 385 | 125.000 | SYSTEMS AND METHODS FOR A CONTINUOUSLY VARIABLE OPTICAL DELAY LINE |
| 12 | 10/637276 IFW IMAGE | 08/08/2003 | 30 | e | e | 385 | 011.000 | POLARIZATION CONTROLLER USING SPATIAL FILTERING |
| 13 | 10/637337 IFW IMAGE | 08/08/2003 | 30 | e | e | 385 | 013.000 | TUNEABLE FIBER OPTIC SENSOR |
| 14 | 10/643937 IFW IMAGE | 08/20/2003 | 30 | e | e | 385 | 125.000 | METHOD OF FABRICATING AN OPTICAL FIBER WITH MICROSTRUCTURES |
| 15 | 10/646927 IFW IMAGE | 08/25/2003 | 30 | e | e | 385 | 018.000 | ELECTROSTATICALLY OPERATED MICRO-OPTICAL DEVICES AND METHOD FOR MANUFACTURING THEREOF |
| 16 | 10/648717 IFW IMAGE | 08/26/2003 | 30 | e | e | 385 | 014.000 | OPTICAL INTERCONNECT AND METHOD FOR MAKING THE SAME |
| 17 | 10/656256 IFW IMAGE | 09/08/2003 | 30 | e | e | 385 | 012.000 | INTRINSIC FABRY-PEROT OPTICAL FIBER SENSORS AND THEIR MULTIPLEXING |
| | 10/675119 | | | | | | | |

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|----|----------------------------------|------------|----|---|---|-----|---------|--|
| 18 | IFW IMAGE | 09/30/2003 | 30 | e | e | 385 | 037.000 | OPTICAL FIBER GRATING PART |
| 19 | <u>10/705866</u> IFW IMAGE | 11/13/2003 | 30 | e | e | 385 | 014.000 | OPTICAL SPECTRUM ANALYZER |
| 20 | <u>10/733325</u> IFW IMAGE | 12/12/2003 | 30 | e | e | 385 | 037.000 | METHOD AND APPARATUS FOR INDUCING AN INDEX OF REFRACTION CHANGE ON A SUBSTRATE SENSITIVE TO ELECTROMAGNETIC RADIATION |
| 21 | <u>10/479980</u> IFW IMAGE | 12/15/2003 | 30 | e | e | 385 | 001.000 | ELECTRO-OPTIC WAVEGUIDE MODULATOR METHOD AND APPARATUS |
| 22 | <u>10/777403</u> IFW IMAGE | 02/13/2004 | 30 | e | e | 385 | 012.000 | FIBEROPTIC CURRENT SENSOR HAVING A PLURALITY OF SENSOR HEADS |

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| Docket | Reg. New | Reg. Amended | Spl.New | Spl. Amended | Rejected | Counted Not Mailed |
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